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PATENT #19

Docket No. 337462000600  
Client Ref. BMID 9619/US

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Assistant Commissioner for Patents, Washington, D.C. 20231, on October 16, 1998.

October 16, 1998

Date

Tiffany Dolmseth  
Tiffany Dolmseth

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Mark M. Richter *et al.*

Serial No.: 09/074,472

Filing Date: 07 May 1998

For: ASSAYS EMPLOYING  
ELECTROCHEMILUMINESCENT LABELS  
AND ELECTROCHEMILUMINESCENCE  
QUENCHERS



Examiner: Unassigned

Group Art Unit: 1623

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449 (3 pages). Copies of the 37 documents are also submitted herewith. The Examiner is requested to make these documents of record.

A copy of the International Search Report which was issued in connection with the related PCT application, PCT/US98/09552, is also enclosed.

✓ This Information Disclosure Statement is submitted within three months of the application filing date or before receipt of a first Office Action on the merits; accordingly, no fee or separate requirements are required.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

This Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

The Assistant Commissioner to charge the cost of any petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing 337462000600. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: October 16, 1998

Respectfully submitted,

By: 

J. Michael Schiff  
Registration No. 40,253

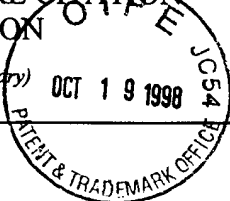
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Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

OCT 19 1998



Docket Number: 337462000600

Application Number: 09/074,472

Applicants:

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## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
AC	1.	12/1976	3,996,345	Ullman <i>et al.</i>	424	12	
	2.	7/1979	4,161,515	Ullman	424	8	
	3.	6/1980	4,208,479	Zuk <i>et al.</i>	435	7	
	4.	11/1980	4,233,401	Yoshida <i>et al.</i>	435	7	
	5.	3/1981	4,256,834	Zuk <i>et al.</i>	435	7	
	6.	4/1981	4,261,968	Ullman <i>et al.</i>	424	8	
	7.	4/1984	4,444,887	Hoffmann	435	240	
	8.	9/1984	4,472,500	Milstein <i>et al.</i>	435	68	
	9.	1/1985	4,491,632	Wands <i>et al.</i>	435	240	
	10.	11/1991	5,068,088	Hall <i>et al.</i>	422	52	
	11.	9/1992	5,147,806	Kamin <i>et al.</i>	436	149	
	12.	5/1993	5,221,605	Bard <i>et al.</i>	435	4	
	13.	7/1994	5,332,662	Ullman	435	28	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
✓	14.	8/1992	WO 92/14139	PCT			
AC	15.	5/1990	WO 90/05302	PCT			

EXAMINER: (examiner)

Annu Kr. Chakrabarti

DATE CONSIDERED:

01/13/01

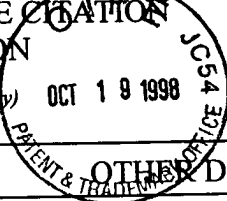
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PTO-1449

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IN AN APPLICATION

(Use several sheets if necessary)

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Docket Number: 337462000600

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## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
AC	29.	Kricka, 1992, ed., <u>Nonisotopic DNA Probe Techniques</u> (Academic Press, New York).
	30.	Leland <i>et al.</i> , 1990, "Electrogenerated Chemiluminescence: An Oxidation-Reduction Type ECL Reaction Sequence Using Tripropyl Amine," <u>J. Electrochem. Soc.</u> , Vol. 137, No. 10, pp. 3127-3131.
	31.	Maliwal <i>et al.</i> , 1995, "Fluorescence Energy Transfer in One Dimension: Frequency-Domain Fluorescence Study of DNA-Fluorophore Complexes," <u>Biopolymers</u> , Vol. 35, pp. 245-255.
	32.	Masseyeff <i>et al.</i> , 1993, eds., <u>Methods of Immunological Analysis</u> (Weinheim: VCH Verlags gesellschaft mbH).
	33.	Tyagi <i>et al.</i> , 1996, "Molecular Beacons: Probes that Fluoresce upon Hybridization," <u>Nature Biotechnology</u> , Vol. 14, pp. 303-308, March 1996.
	34.	Weir <i>et al.</i> , 1996, eds., <u>Handbook of Experimental Immunology</u> , 5th Edition (Blackwell Science).
	35.	Wild, 1994, ed., <u>The Immunoassay Handbook</u> (Stockton Press, NY).
	36.	Wittwer <i>et al.</i> , 1997, "Continuous Fluorescence Monitoring of Rapid Cycle DNA Amplification," <u>Biotechniques</u> , Vol. 22, pp. 133-138, January 1997.
✓ AC	37.	Yost, 1993, "Electrochemiluminescence (ECL) - A New Detection System for Immunoassays and DNA Probe Assays," in <u>Scientific Bavaria '92, 4th International Symposium, Progress in Laboratory Diagnostics</u> , eds. W. Holzel and S. Klose, published by Urban & Vogel, Munchen, pp. 82-90.

EXAMINER:

Anu Kr. Chakrabarti

DATE CONSIDERED:

01/13/01

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US 090744720MP1



Creation date: 27-12-2002  
Indexing Officer: IS2 - Index Station 2  
Team: CENTRALSCANPRINT  
Dossier: 09074472

Legal Date: 26-06-2000

No.	Doccode	Number of pages
1	SRNT	12

Total number of pages: 12

Remarks:

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